THE EAST BAY AMATEUR RADIO CLUB, INC.

THE BLOWN FUSE

QLF

CLUB STATION W6CUS

VOLUME LXXI NUMBER 11

July 2025

EBARC Meetings

Next meeting: July 18, 2025

Unitarian Universalist Church Of Berkeley

Safir Room
1 Lawson Rd.,
Kensington, CA

Check your email for Zoom link.

Welcome EBARC Members to the seventh edition of the *Blown Fuse* for 2025.
Please plan to join us at the meeting on July 18, 2025 at 7:00 PM in-person or on the Zoom Link.:

The July meeting program will be a hands-on opportunity to program, or update, your radio's channel memories with help from other hams with comprehensive lists of local repeaters. We should be able to help support programming most radios, but please reach out ahead of time to: ebham.office@gmail.com, with the radio you plan to bring for programming to make sure we will be able to do it.

The Blown Fuse is published monthly by the East Bay Amateur Radio Club, Inc. and is a service provided as part of membership. *The Blown Fuse* welcomes articles of interest to its members and amateur radio in general. *The Blown Fuse* reserves the right to edit or reject any material submitted. Material submitted becomes the property of *The Blown Fuse*. Permission is hereby granted to reproduce material printed herein provided proper acknowledgment is given. Editor: Audrey Nieman W6BBQ

Deadline for April Issue is March 24, 2025.

Blown Fuse Back Issues

Blown Fuse Back Issues can be found on The Internet Archive, link.

2024 & 2025 Coming Soon!!!
de KJ6DZB.

EBARC 2025 Working Inventory FOR SALE!
(Link Here)

Todd & Karen at 2025 Field Day

President's Message

This year's Field Day was wonderful and low key!!! W6CUS joined forces with W6ECK to run a 4A EB operation. 1 (Digital) station on 10m, 1 (Digital) station on 15m, 1 (Voice) station on 20, 1 (CW) Station on 40m, 1 GOTA station (W6CUS) and 1 UHF/VHF. The Combined effort yielded over 650 QSO's. I captained the 15m digital station, thanks to Todd W8BIK, Karen KK6ZPM, Greg AK6NA, Dan KO6HWU, Howdy KE6BEE. We made 83 contacts in the shade by a tree. I enjoyed the foot traffic and all of the conversations that we had. while making FT8 contacts. Next year we will need a bigger screen!!!! I hope to have more statistics on all the QSO's for next month BF.

The July meeting will be a radio programming night. Bring your radio and it will be programmed! I've got channels for the international space station, CARLA , Some fun repeaters around the Bay Area. I'm planning to pick up and add something new for my radios. Please bring your computer, radio, programming cable and be OPEN to HACKING!
DE
73 Mathison KJ6DZB

Minutes of the March 2025 Meeting
By Jan Kuhl, AC5RB

The Hybrid meeting was brought to order by President Mathison Ott KJ6DZB at 7:10 PM. The in-person meeting occurred at the Unitarian Universalist Church of Berkeley (UUCB) at 1 Lawson Road, Berkeley CA 947-1015. The on-line meeting was held via the Zoom internet. There were 8 members in person and 7 members on Zoom. Also present were First Vice President Howdy Goudey KE6BEE, Second Vice President Karen Fenton KK6ZPM, members Todd Teachout W8BIK, Robin Mitchell KN6CRP, Greg Kilson AK6NA, Dan Genova KO6HWU and Jay Fenton KK6WSS. On Zoom were Treasurer Audrey Nieman W6BBQ, Secretary Jan Kuhl. AC5RB, members Alvin Todd KO6UQX, Lorraine Schnurr KN6CRT, Robin Spalding N6RLS, Don Simon NI6A, and Ed Sheldon KO6IDJ.
Introductions were made and many members gave updates of their radio activities. The Zoom members: Ed purchased a Yagi UHF antenna. Lorraine registered to attend Pacificon and is planning to upgrade her radio training; she also used the radio for communication during the recent protests. Robin is working on antenna setup and Morse Code practice. Robin is also registered for Pacificon. Alvin is running the Friday AM and Saturday EMCOMM nets for CCCC and taking care of his health. Audrey participates in the AM and PM nets for CCCC as often as she can. Jan does seven trivia questions a week for the CCCC nets. Don is doing HF CW daily and was explaining more about solar activities and how flares can give unpredictable propagation. There is lots to learn about the sun's impact on our daily lives.
The In-Person members: Howdy has been doing nets and getting ready for Field Day. Greg wants to get more involved with ham radio. Dan has been on GMRS nets on the first Monday of each month at 7:30 PM on channel 6. Karen has been standardizing the web site information, working on GMRS/2 meters and 440. More information is coming. Todd has been checking into some CCCC nets and can connect through the MT Diablo repeater and may be getting some software to help for connecting dedicated GMR. A slingshot was used to set up a line for his antenna. Jay has equipment he has been working on for two radio set ups, and power chips testing at 5 watts and using URL to check nets with a J-Pole using 5 to 11 watts on UHF. These are analog only, not analog/digital. He has set up five repeaters on his farm and is mapping propagation. Mathison is looking forward to the radio programming program and he is working on the website.
software for controlling radio via iPad or phone aps.

ANNOUNCEMENTS- Field Day is next week; check in for attendance and radio frequencies are available. For the DIY circular antenna class, 4 have signed up so far. EBARC is also looking for a new Trustee.
EQUIPMENT UP-DATES: EBARC has made efforts to standardize code plugs for GMRS frequencies and other bands and is investigating Bluetooth earpiece options and software for controlling radio via iPad or phone aps.

TREASURER REPORT- Audrey updated the ARRL registration information after the ARRL hack event shut down the system for a while. Our club has been associated since 1957. The report will be listed in the Blown Fuse. She has been working on the equipment list also.
MINUTES- Jan motioned that May minutes in the Blown Fuse be approved. Motion carried.
PROGRAMS: Howdy announced Field Day coming up soon. Preparations are needed for combining with KARO-ECHO near Kensington Library for the event. The July meeting program will be radio programming. The August program will be a GMR radio presentation. Other topics include DIY antenna building. Spaces are available for more programs.
MEMBERSHIP-Karen has set up a personalized membership survey. There are various levels of knowledge, activities, and interests in our membership and it can be a challenge to cover all the interests of the members. Jay has a set up to outreach to HF, to show what can be done. Karen has helped to co-ordinate more hands-on and sharing of information. There will be a 4th of July Firewatch for people to do radio check ins. She is collaborating with John Evens for middle school programs in radio, and she is following up with Richmond Youth Academy regarding an amateur radio training curriculum to add Technician license training to existing curriculum for 12–18-year-olds. There will also be a GOTA (get on the air) station for field day to focus on encouraging new hams.
FIELD DAY: Members discussed station set-up and co-ordination, multiple stations on different bands to avoid interference. Frans will be managing the 10/6 meters station and others running digital and voice operations on 20/40 meters. The event will run from morning until sunset on Saturday, with set up beginning at 7-8 AM and operations starting at 11 AM. Food arrangements will be flexible, with operators encouraged to sign up for meals in advance. Marily will assist with coordination. Club members will be set up on HF and VHF/UHF stations with a focus on making contacts with the International Space Station during nighttime passes. Don noted that 40 meters would be open 24.7 while 20 meters would probably only be available during the day. The club members agreed to leave the antennas installed overnight to finish Sunday morning. They also discussed potential public attendance and outreach efforts to local districts. Meeting adjourned 8:56.

Respectfully submitted.
Jan Kuhl, Secretary

Ed Shelden Jr., KO6IDJ

New EBARC member's personal story (edited)

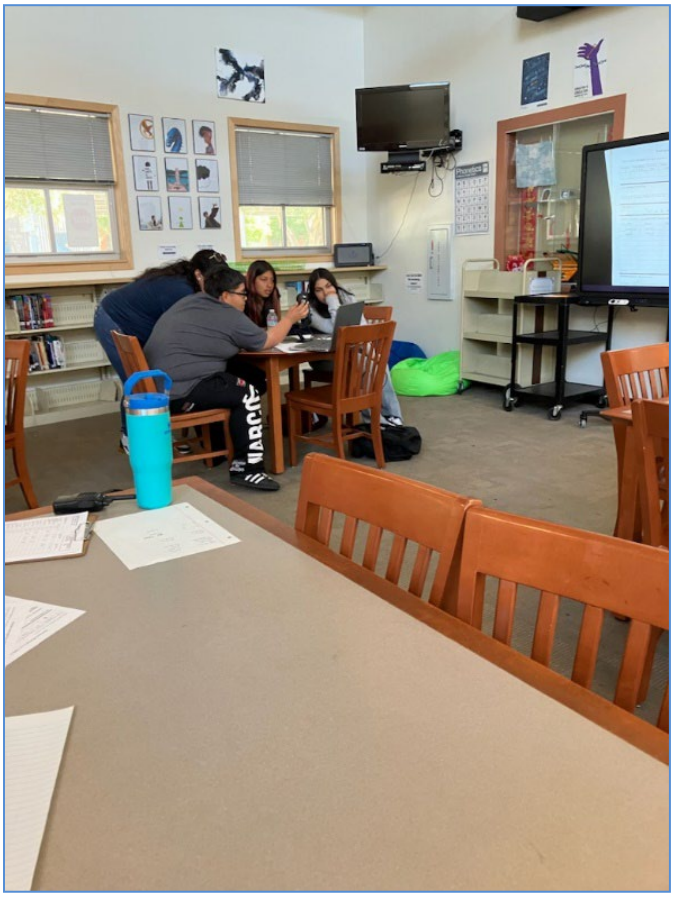
[Meeting talented, smart folks is the best VP Membership assignment]

"I have been involved with radios from high school onward. I was in charge of the radio system for A.C. Transit 1973-1984. Tubes>Transistor>Integrated Circuits. Computers, just about anything electronic. I worked for several years installing movie theater projection and sound systems. The last 20+ years my work was centered around audiometer, sound level meters, sound rooms vison tester and more. Barely a piece of equipment would land on my desk to be repaired with NO explanation or manual. Just fix it. I have also been a diving instructor. Since 1967 I have been and still am an avid photographer (sometime video). I was president of the Underwater Photographic Society and director of film festivals at the Paramount Theater. Please let me know how to contribute."

Karen Fenton KK6ZPM

EBARC'S New Youth Curriculum Specialist

Our Volunteer Wanted ad in our three ham club newsletters worked! Thanks to Tom Fattaruso for connecting Jeanne Marie Acceturo with us. Fresh off her dual role as the radio class teacher and station manager of El Cerrito High School's KECG, Jeanne Marie has successfully worked with teenagers. After attending the ARRL Teachers Institute and earning her own Technician Level license this August, JMA will design a course to help young students pass the test. Together with Librarian John Evans, who piloted the Helms Junior Ham Pal Club, JMA will develop a full ham curriculum for middle and high schoolers. If you are interested in helping to coach kids next year, contact karenleongfenton@gmail.com.



Letter from Jim KN6VTC

Post Field Day Report

While it fresh in my mind I wanted to share a (not so) brief synopsis of Field Day.

My personal impression was that from multiple perspectives this was our best Field Day ever. As a public and social event, we had at least 25 KARO ECHO/EBARC members show up and more than 30 members of the public drop by. Attendees included Mike Patterson (N6JGA), our ARRL Section Chief and Dan Goldstein (KJ6KEU) our ARRL Section Emergency Coordinator and Hayward City Council member. Both KARO ECHO/EBARC members and the public enjoyed learning about different aspects of Amateur Radio including how to access the Internet via radio and how to operate UHV, VHF and HF. A number of visitors expressed their interest in Amateur Radio or were licensed and interested in learning more about KARO ECHO. We have taken their contact information and will be reaching out to them soon.

From an operational point of view, we had six radio stations on the air Saturday (one HF SSB station, an HF Get on the Air (GOTA) station for the public and club members with Technician licenses, a UHF/VHF station, an HF CW station and two HF digital stations. For the first time ever, we also operated an HF SSB station on Sunday. As a result, we set a club record for the number of contacts (665 compared to 308 last year) and contacted 65 of the 70 ARRL sections. Our GOTA HF station did very well, with eleven different operators making 20 contacts across the US. These operators included three club members and 10 individuals from the general public including six teenagers.

Number of Field Day Contacts by Band

Band	CW	Phone	Digital FT8	Total	Points	Percent of Q's
80	0	5	0	5	5	1
40	0	173	0	173	173	26
20	100	263	0	363	463	55
15	0	1	83	84	167	13
10	0	0	7	7	14	1
2	0	26	0	26	26	4
1.25	0	2	0	2	2	0
70	0	5	0	5	5	1
TOTAL	100	475	90	665	855	

A successful Field Day requires planning and the support of many individuals. I want to specifically thank the following:

Our planning committee: Howdy (KE6BEE), Frans (KJ6IUV), Tom (AA6BY), Don (NI6A) Mathison (KJ6DZB) and Annette (KJ6SWK)Our set-up and takedown crew: : Howdy (KE6BEE), Frans (KJ6IUV), Tom (AA6BY), Don (NI6A) Mathison (KJ6DZB), Annette (KJ6SWK), Curt (KM6HFT), Ed (KO6IDJ) and Edna (KN6VTY) Our Outreach Committee: Marilyn (KN6GUA), Edna (KN6VTY) and Blake (KN6CMP) Our Safety Officers: Susan (KN6CMR) and Roy (W6OVV) Our Greeting Table Staffers: Annette (KJ6SWK) and Tom (AA6BY) Our Education Table Staffers: Tom (AA6BY) and Frans (KJ6IUV) Our Food Coordinator: Marilyn (KN6GUA) Our Photograpers and Videographers: Ed (KO6IDJ), Frans (KJ6IUV) and Ruth Our Radio Operators and Loggers: Don (NI6A), Roy (W6OVV), Mathison (KJ6DZB), Karen (KK6ZPM), Howdy (KE6BEE), Frans (KJ6IUV), Chris (AA6AT), Curt (KM6HFT), John (WI6O), Angela (K6ZNA) and John (KO6FCY) And our GOTA station operators: Marilyn (KO6GUA), Chris (KO6HFO) and Paul (KO6JHP)

Overall, a great time was had by all and I hope to see everyone at next year's Field Day.

Apologies for anyone I left off the list and again thanks to all who made Field Day a success.

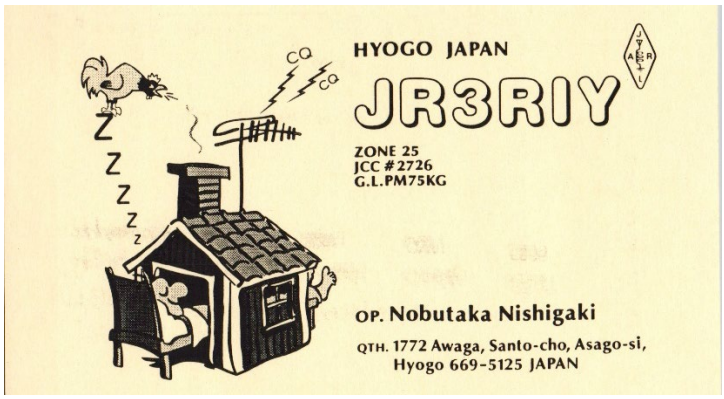
73, Jim KN6VTC

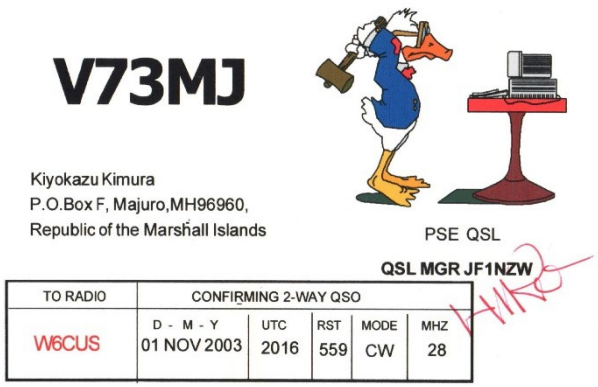
Treasurer's Report
As of 7/11/2025

Balance Forward	**$**	**12,485.21**
Income:		
Deposit 6/20/2025		**35.00**
Interest June		**.10**
Disbursements		**0**
New Balance	**$**	**12,520.31**

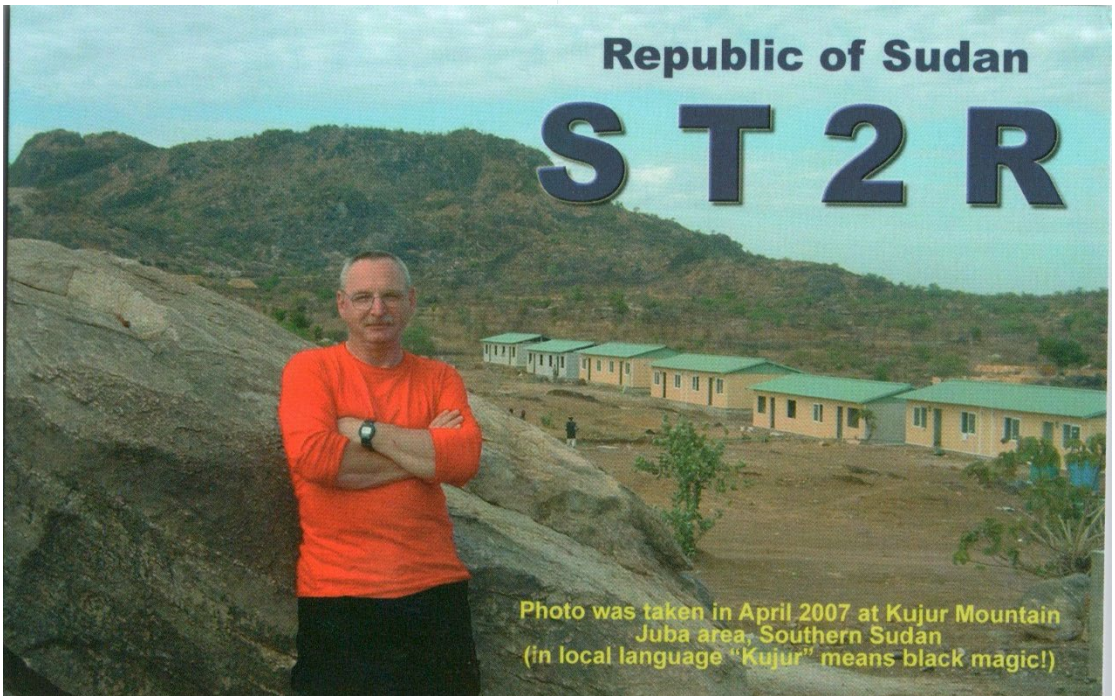
Membership
Individual ($35/year)
Family ($45/year)
K-12 Student ($10/year)
Class Comp (Free/rest year)
Annual calendar year membership dues are pro-rated QUARTERLY for NEW members joining the club within a particular quarter: 1) Jan - Mar $35) Apr - June $25.20) Jul - Sep $17.50) Oct - Dec $8.75)
Membership Application is on the website HERE!

QSL cards from 50 years of EBARC Event





TO RADIO	CONFIRMING 2-WAY QSO				
	D - M - Y	UTC	RST	MODE	MHZ
W6CUS	01 NOV 2003	2016	559	CW	28


Republic of Sudan
S T 2 R
Photo was taken in April 2007 at Kujur Mountain
Juba area, Southern Sudan
(in local language "Kujur" means black magic!)

25 Years Ago: July 2000

FIELD DAY: Ron Smith headed the discussion of the following items regarding Field Day: 1) Jamie Wasson obtained the permit for the Berkeley marina site. 2) KD6JCT Rich Parker will provide security again this year. Rich still needs volunteers to help with security, especially at night. Rich will also be in charge of the Novice tent. If you operate in the Novice tent, you can no longer operate any of the other stations. Unlicensed visitors may operate under Rich's supervision. 3) KG6AEE Carl Hill, Publicity Chair, will mail announcements to the newspapers this weekend for extra points. 4) Rich Parker has shade tent for food if needed. 5)A Salvation Army canteen truck will be at the Field Day site to provide food. Fred and Audrey will be in charge of food preparation and distribution.

50 Years Ago: July 1975

FROM 'THE WORLD RADIO NEWS comes this news of a worldwide phone and CW contest to publicize the 5tn SEANET Convention to be held in Malaysia in November 1975.

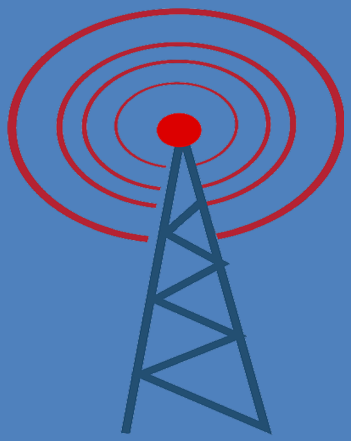
The contest is for long DXers since no credit will & given for contacts between stations in their own country. Full inro on the contest can be found in the July issue of The World Radio News but here are some details: To be held 30-31 August 1975, from 0001 GMT 30 Aug. to 2359 GMT 31 Aug; phone or CW; 160 thru 10 meters; power as stipulated in the *regulations governing the license issued to the station participating in the contest; entry classifications will be single band single operator, multiband single operator and multiband multi operators; reporting will be five of six digits consisting of the RS(T) report plus three figures starting with 001 and increasing by one for each contact. A point system has been established to determine whether the station is in the SEANET area or not and awards will be given to the high scorer. Pick up a copy of World Radio News for all the info.

PENDING ITEMS

- Website Updates
- Photo Galleries
- Completion of Member Survey
- Sale of Working Equipment (Link Here)

Please take **Club member Survey!!!** *If you haven't already* **(LINK HERE)**

DIY Antenna Building Survey!!! (LINK HERE)



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The East Bay Amateur Radio Club, founded in 1947, is a California non-profit organization of amateur radio operators in Contra Costa and Alameda counties. The club is open to anyone with an amateur radio license. Annual dues are $35 for individual membership, $45 for family membership, and $10 for students K-12. For information, send email to ebham.office@gmail.com, contact any EBARC officer, see Web page *www.ebarc.org*, or write EBARC, P.O. Box 1393, El Cerrito, CA 94530. You can also follow us on Twitter using @w6cus, or on Facebook's "East Bay Amateur Radio Club."

2025 East Bay Amateur Radio Club Executive Committee

Mathison Ott, KJ6DZB, President	510-701-0234
Jan Kuhl, AC5RB, Secretary	510-846-3829
Howdy Goudey, KE6BEE, 1st VP / Program Chair	510-684-9097
Karen Fenton, KK6ZPM, 2nd VP/ Membership	510-701-7443
Audrey Nieman, W6BBQ, Treasurer / Finance Chair	510-682-7938

2025 EBARC's Other Committee Heads and Contacts

Blown Fuse Editor: Audrey Nieman, W6BBQ 510-682-7938
W6CUS Trustee Chris Harwood 510-332-7383
Webmasters: Chris & Mathison 510-332-7383

Upcoming Activities & Events

Events	Time & Days	INFO
Ham Cram	Feb 15, May 17	(INFO)
VE @ UUCB by Albert N6SX	March 8th	
General Meeting	March 21st	
General Meeting	April 18	
2025 Coastal Region Radio Exercise	May 1st	
General Meeting	May 16th	
ARRL Digital Contest	Jun 7-8th	(INFO) (LOG)
General Meeting	June 20th	
ARRL Field Day June	June 27*-28-29	
General Meeting	July 18th	
General Meeting	August 15th	
Pacificon 2025	Fri Oct 10 -12	(MORE INFO)
California QSO Party	Oct4 1600- Oct5 2200 UTC	(RULES)
General Meeting	November 21st	
ARRL CW Sweepstakes	11/2 - 11/4	(INFO)
General Meeting	December 19th	
Holiday Party	TBD	

More Contest info at https://www.contestcalendar.com
And at https://www.arrl.org/contest-calendar

Bay Area & U.S. Amateur Radio Nets

Net	Days	Time PST	Repeater	INFO
Over the Hill Commuter CCCC	Mon-Fri	7:10pm	WA6KQB (system)	RX: 145.110MHz TX:-600kHz CTCSS: 82.5Hz RX:444.275MHz TX:+5MHz CTCSS:82.5Hz RX:224.3MHz TX:+4MHz CTCSS:82.5Hz EchoLink: 184423 / AllStar: 529990 /
Insomniac Net WIN SYSTEM on LPRC	Mon-Sun	10pm	WR6ABD	RX:442.900 TX:+5MHz CTCSS:162.2
W1AW CW Practice (LINK)				1.8025, 3.5815, 7.0475, 14.0475, 18.0775, 21.0675, 28.0675, 50.350, 147.555 MHz, EchoLink: 501433
W1AW Digital Bulletins (LINK)				3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, 147.555 MHz.
W1AW Voice Bulletins (LINK)				1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, 147.555 MHz.
MidCars (LINK) eastern USA	Mon-Sun	5:30-11AM		7.258 LSB
NorCAL DMR Net TG31068	Mon	7:30pm	W6PW	UHF RX:444.225MHz TX:+5MHz CC1 WA6BAY, W6PW, K6LNK, N6AMG, WB6ECE, W6CX
NorCAL DMR Net TG31068	Mon	7:30pm	W6CX-DV	W6CX-DV RX:145.000 TX:+2.5MHz CC:1 (MORE INFO)
CCCC 220 Net	Tues	7:30pm		RX:224.3MHz TX:+4MHz CTCSS:82.5Hz
MeshPhone Conference Call N2NM	Mon	7:30pm	BAM PBX	Mesh phone 78- 973-2193
Loma Pioneer Radio Club LPRC	Tues	8pm	WR6ABD	RX:146.640MHz TX:-600kHz CTCSS:162.2kHz
ORCA Noon time Net	Tues	12noon	WB6NDJ	RX:146.880MHz TX:-600kHz CTCSS:77kHz RX:442.4MHz TX:+5MHz CTCSS:77kHz EchoLink: 270352 / AllStar: 47154 / IRLP: 3115
Marin County RACES HF NVIS NET	Tues	6pm		3.895, 5.405 (ch5) USB / 7.228 LSB / 40m (JS8)
UC Berkeley ARC W6BB	Wed	7:30PM	WA6ZTY	RX:442.275MHz TX:+5MHz CTCSS:103.5Hz (Echo Link KJ6DZB-L) (Allstar NODE 59521)
UC Berkeley ARC W6BB (Echo Link)	Wed	7:30PM	KJ6DZB-L	KJ6DZB-L
San BrunoARC	Wed	8:30pm	simplex	7.27mhz & 46.595MHz FM
WC EMCOMM Net	Thu	1845	WA6KQB	WA6KQB (system)
Mt Diablo MDARC	Thu	7:30pm	W6CX	RX:147.060MHz TX:+600kHz CTCSS:100Hz
CCCC Evening Net	Thu	1930	WA6KQB	WA6KQB (system)
Co Co County HF EmComm Net	Thu	6pm		7.213MHz (+/- QRM) LSB
Co Co County HF EmComm Net	Thu	6:15pm		5.346.5MHz USB (ch. 2) or 5.357Mhz (Ch. 3)
Co Co County HF EmComm Net	Thu	6:30pm		3.893MHz (+/- QRM) Alternative 3.888MHz LSB
KARO/ECHO EMCOMM NET	Thu	7pm		Simplex 146.415MHz
NALCO ARES Net	Thu	7:15pm	N6BRK	RX:147.255MHz TX:+600kHz CTCSS:123kHz RX:440.900MHz TX:+5 TX:+5MHz CTCSS:131.8.5KHz
Oakland RCA Net	Thu	7:30pm	WB6NDJ	WB6NDJ (system)
W6CX-ATV Net	Thu	8pm	W6CX-ATV	1244.50MHz DVB-S2 (MORE INFO)
Bay Area EMCOMM Net	Sat	9:00am	WA6KQB	WA6KQB (system)
San Francisco ARC W6PW HF net	Sat	9am	simplex	14.328MHz USB
CCCC WC Net	Sat	9:15am	WA6KQB	WA6KQB (system)
Bay Area Comm Net	Sat	9:30am	WA6KQB	WA6KQB (system)
Cert FL Digi Net	Sat	10am	WA6KQB	WA6KQB (system)
The Bay Area NVIS Net	Sat	8am		3.890MHz LSB
Slow Scan TV SSTV (MORE INFO)				145.500 MHz, 145.600MHz, 144.550MHz, 145.800MHz
U.S. Packet	27/7	27/7	wide1-2	1200bps 144.390MHz
Satellite Packet	Status	Status	NA1ISS	1200bps 145.825MHz
NA1ISS Cross-Band Repeater	Status	Status		Up: 145.990MHz CTCSS:67Hz Dow: 437.800MHz

Note: Please send suggestions or modifications to KJ6DZB

High Speed Microwave Data Network	INFO
Bay Area Mesh (AREDN)	More INFO /Bay Area Node Map
-WINLINK NODES-	-INFO-
WA6KQB-10	441.500MHz 1200bps & VARA FM wide
KC6SSM-10	145.630MHz
W6ECK-10	441.500MHz packet (local mailbox W6ECK-1)
W6ECK-10	145.630 VARA (local mailbox W6ECK-1)
KI6DOG-10	144.910 packet (Oakland)
K2YE-10	144.910 packet (Oakland)
K6VOM-11	145.630 packet or VARA (San Leandro)

Note: Please send suggestions or modifications to KJ6DZB

DX peditions:

5R8TT 5R8XX Madagascar

5R8TT 5R8XX Team will be active from Madagascar, October - November 2025.

Currently Active

H44MS Solomon Islands
4S7KKG Sri Lanka
V26MN Antigua
VP2MMN Montserrat Island
JG8NQJ/JD1 Marcus Island Minami Tori Shima Islands
8J1RL Showa Research Station
6W7/ON4AVT Warang Senegal
OX3LX Greenland
FT4YM Antarctica
RI1ANE Progress Station Antarctica
7Q2T Malawi
VK9CU Cocos Keeling Islands
D68Z Comoro Islands

More DX Peditions info at https://dxnews.com/dxpeditions/

EBARC 2025 Inventory Sale

(Link Here)

2025 License Exam Flyers

(Link Here to flyers you can share)

AMATEUR RADIO LICENSE EXAMS

ORCA ww6or.com

ARCA Amateur Radio Club of Alameda

ADVANCE REGISTRATION REQUIRED

UC BERKELEY EXAMS - 5:00 PM

Monday, April 28, 2025

Monday, May 26, 2025

Monday, June 23, 2025

Monday, July 28, 2025

EL CERRITO EXAMS - 9:00 AM

Saturday, August 9, 2025

Saturday, September 6, 2025

Saturday, November 29, 2025

TO REGISTER OR FOR MORE INFORMATION:

Albert - Email: goto@eecs.berkeley.edu

END